

CLAIMS

1. Bacteriocins and/or their bacterial producer strains, for use as a medicament.
2. Bacteriocins and/or their bacterial producer strains according to claim 1, wherein bacteriocin is Pediocin A or Pediocin A analogous molecules, for use as a medicament.
3. Bacteriocins and/or their bacterial producer strains according to claim 2, wherein the bacterial strain is FBB61 *Pediococcus pentosaceus* (ATCC 43200) for use as a medicament.
4. Bacteriocins and/or their bacterial producer strains according to claim 2, wherein the bacterial strain is FBB63 *Pediococcus pentosaceus* for use as a medicament.
5. Bacteriocins and/or their bacterial producer strains according to claim 2, wherein the bacterial strain is L 7230 *Pediococcus pentosaceus* (ATCC 43201) for use as a medicament.
6. Use of bacteriocins and/or their bacterial producer strains according to any one of the preceding claims 1-5 for the preparation of an agrozootechnical feed composition or a medicament; for the treatment of the oncogenic substances in the gastroenteric tract in monogastric species.
7. Use of bacteriocins and/or their bacterial producer strains according to any one of the preceding claims 1-5 for the preparation of an agrozootechnical feed composition or a medicament, for the prevention and prophylaxis treatment of clostridia pathologies in monogastric species.
8. Use of bacteriocins and/or their bacterial producer strains according to any one of the preceding claims 1-5 for the preparation of an agrozootechnical

feed composition or a medicament, for the treatment of the digestive tract in monogastric species.

9. Use of bacteriocins and/or their bacterial producer strains according to any one of the preceding claims 1-5 for the preparation of an agrozootechnical feed composition or a medicament, for the reduction treatment of the oncogenic substances presence in the gastroenteric tract, preferably cresol, in monogastric species.
- 10 10. Use according one of the claims 6 to 9, wherein monogastric species are included among: human being, swines, rabbits, horses, poultry also wild, sheep, goats, felids, canids, ungulates, and non functional ruminants.